

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Patent Application

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Case: 1-114-29-1-2-10-43

Serial No.: **Group Art Unit:** Not assigned yet

Filing Date: **Examiner:** Not assigned yet

Title: Phase Matched Parametric Light Generation
in Monolithically Integrated Intersubband Optical Devices

**THE COMMISSIONER OF PATENTS AND TRADEMARKS
WASHINGTON, DC 20231**

SIR:

INFORMATION DISCLOSURE STATEMENT

In accordance with 37 CFR 1.97(b), the enclosed Information Disclosure Statement (IDS) is submitted for consideration in the above-identified application.

Copies of the reference(s) listed in the IDS are enclosed.

NO FEE IS REQUIRED.

Respectfully,


By _____

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Date: 03/29/04

Att. IDS with reference(s)

FORM PTO-1449 (REV. 1-84)		U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		CASE NO. 1-114-29-1-2-10-43		SERIAL NO	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT: Alexey Belyanin et al.			
				FILING DATE		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	5 8 9 8 7 2 0	4/99	Yamamoto et al.	372	39	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY/AUTHOR	CLASS	SUB- CLASS	TRANSL'N YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR	Meyer et al., <i>Appl. Phys. Lett.</i> , Vol. 67, No. 5, pp. 608-610 (July 1995)					
	AS	Rosencher et al., <i>Science</i> , Vol. 271, pp. 168-173 (Jan 1996)					
	AT	Gurnick et al., <i>IEEE J. Quantum Electron.</i> , Vol. 19, No. 5, pp. 791-794 (May 1983)					
	AU	Capasso et al., <i>IEEE J. Quantum Electron.</i> , Vol. 30, No. 5, pp. 1313-1326 (May 1994)					
	AV	Vurgaftman et al., <i>IEEE J. Quantum Electron.</i> , Vol. 32, No. 8, pp. 1334-1346 (Aug 1996)					
	AW	Gmachl et al., <i>IEEE J. Quantum Electron.</i> , Vol. 39, No. 11, pp. 1345-1355 (Nov 2003)					
	AX	Owschimikow et al., <i>Phys. Rev. Lett.</i> , Vol. 90, No. 4, pp. 043902-(1-4) (Jan 2003)					
	AY	Fiore et al., <i>Nature.</i> , Vol. 391, pp. 463-466 (Jan 1998)					
	AZ	Vodopyanov et al., <i>Appl. Phys. Lett.</i> , Vol. 72, No. 21, pp. 2654-2656 (May 1998)					
	BA	Chowdhury et al., <i>IEEE Photon. Technol. Lett.</i> , Vol. 12, No. 5, pp. 486-488 (May 2000)					
	BB	Moutzouris et al., <i>Appl. Phys. Lett.</i> , Vol. 83, No. 4, pp. 620-622 (July 2003)					
	BC	Capasso et al., <i>Copending Patent Application</i> , Serial No. 10/261,423 filed on Sept 30, 2002, entitled <i>Nonlinear Semiconductor Light Sources</i> (no copy attached)					
EXAMINER:				DATE CONSIDERED:			
SHEET <u>1</u> OF <u>1</u>							